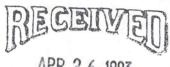


Michael O. Leavitt
Governor
Dianne R. Nielson, Ph.D.
Executive Director
Don A. Ostler, P.E.
Director

State of Utah DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

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APR 2 6 1993

DIVISION OF OIL GAS & MINING

April 20, 1993

Mr. Gary Gamble Environmental Engineer Hecla Mining Company Box C-8000 Coeur d'Alene, ID 83814-1931

RE:

Drilling Plans for Consent Agreement,

Docket No. UGW93-04

Dear Mr. Gamble:

We received the drilling plans, dated April 1, 1993, for the monitoring well to be located at the Escalante unit as required by the Consent Agreement. The drilling plans are acceptable except for the following minor changes and suggestions:

- 1. On page 4 under item 6.0 the screened interval should be determined from the geophysical and drillers logs. The well will have a much higher yield during pumping if the screen is placed well below the water table.
- 2. Same page. Schedule 40 PVC may not have sufficient strength if used below 200 feet. Schedule 80 would be preferable.
- 3. On page 6 under Well Development; if the driller has an air compressor on the drill rig, or if one is available on site, the compressor may be more convenient to use than a surge block.
- 4. On page 8; during the drawdown and recovery test, well TMW2, should be checked for drawdown, as it is close enough it may respond during the pumping test. This would be useful data.

The drilling plans are approved subject to the above additions that should be added to the document. Please send us a revision of the document when it is complete.

Mr. Gary Gamble Page 2 April 20, 1993

The drilling should be completed this summer or before November 1993 at the latest. Please advise us whom you select for a drilling contractor and when the work will start. If our time permits, we would like to observe the drilling and the geophysical logging.

Sincerely,

Fred C. Pehrson, P.E., Manager

Permits, Compliance & Monitoring Branch

FCP:MC:gt

cc: Wayne Thomas

SW District Health Dept.

DOGM

P:DRILLINGPLATR
FILE:HECLA MINING COMPANY